

Title (en)

Twin-clutch manual transmission

Title (de)

Handgeschaltetes Doppelkupplungsgetriebe

Title (fr)

Transmission à double embrayage à commande manuelle

Publication

EP 1580455 A3 20060809 (EN)

Application

EP 05003464 A 20050217

Priority

JP 2004082295 A 20040322

Abstract (en)

[origin: EP1580455A2] A twin-clutch manual transmission comprising: first and second input shafts (5,6) adapted to selectively receive an engine power output through respective clutches (C1,C2); a first gear range group including gear sets which are disposed between a rear end portion of the first input shaft (3), protruding from a rear end of the second input shaft (6) in an area remote from an engine, and a counter shaft (15) parallel to the first and second input shafts (5,6); a second gear range group including gear sets (62,64,66) disposed between the second input shaft (6) and the counter shaft (15); an output shaft (11) placed in a concentric and abutting relationship with a rear end of the first input shaft (5); and a reduction gear set (19,80) disposed between the output shaft (11) and the counter shaft (15) to drivably connect the counter shaft (15) to the output shaft (11).

IPC 8 full level

F16H 3/00 (2006.01); **F16H 3/091** (2006.01); **F16H 3/08** (2006.01); **F16H 63/02** (2006.01)

CPC (source: EP KR US)

F16H 3/006 (2013.01 - EP US); **G06K 19/04** (2013.01 - KR); **H04M 1/17** (2013.01 - KR); **F16H 3/0915** (2013.01 - EP US); **F16H 37/043** (2013.01 - EP US); **F16H 2200/0052** (2013.01 - EP US); **Y10T 74/19228** (2015.01 - EP US)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 011, no. 135 (M - 585) 28 April 1987 (1987-04-28)
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DOCDB simple family (application)

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